SMUG BYTES

PRICE .75

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*          SMUG   BYTES                  *
*        Volume  6, Number 12            *
*          December  1989                *
*                                        *
*  Subscriptions = $10.00 per year       *
*  or free with swap.   Send to:         *
*                                        *
*  SINCLAIR MILWAUKEE USERS GROUP        *
*  P.O. Box 101, Butler WI 53007         *
*                                        *
*------------------------------------*
*                                        *
*  THIS MONTH:                           *
*                                        *
*      - Election Notice                 *
*                                        *
*      - Burnout By Lloyd                 *
*                                        *
*      - Color Printing With The         *
*        Digitizer?                       *
*      - Presidents Message              *
*                                        *
*      - And Other Great Things           *
*                                        *
*   If any articles are copied            *
*   please credit SMUG BYTES             *
*                                        *
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*                                        *
*  NEXT MEETING DATE:   1/03/90          *
*------------------------------------*
*                                        *
*  Send all contributions by the         *
*  3rd Wednesday of the month to:        *
*                                        *
*    Bill Heberlein                       *
*    Editor                               *
*    SMUG BYTES                           *
*    5052 N. 91st Street                  *
*    Milwaukee WI 53225                   *
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*                                       *
*     1989  OFFICERS                     *
*      & WORKING                         *
*       MEMBERS                          *
*   last time this year-next year        *
*  who will it be? will it be you?       *
*        All Area Codes Are 414          *
* *President - Neal Schultz              *
* *         - 353 4522                   *
* *V. Pres.  - W. Heberlein              *
* *         - 527 2191                   *
* *Secretary - L. Dreger                 *
* *         - 321 0694                   *
* *Treasurer - A. Doneis                 *
* *         - 344 4694                   *
* *Education - R. Cultice                *
* *         - 542 3591                   *
* *                                      *
* * - Librarians                         *
* *Tape/Disk -E. Pawlowski               *
* *   1 - 338 0260                       *
* *Book      - D. Nickel                 *
* *   1 - 284 9691                       *
* *                                      *
* * - Sub Group Leaders                  *
* *"C"        - R. Cultice               *
* *Meeting Alt. Sundays of the month     *
* *         - 542 3591                   *
* *Games      - N. Schultz               *
* *Meeting 3rd Saturday of the month     *
* *         - 353 4522                   *
* *Hardware  - G. Kraemer                *
* *Meet-no set date. Call for info.      *
* *         - 421 0179                   *
* *QL        - R. Hilsmann               *
* *Meeting 3rd Wednesday of month        *
* *         - 251 5291                   *
* *Spectrum  - R.Hilsmann                *
* *Meeting 3rd Wednesday of month        *
* *         - 251 5291                   *
*                                        *
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Merry Christmas to you.

Required Notice of the Annual Meeting

I hope you and yours are having a merry xmas and a happy new year. We, at SMUG, want to wish all of you a happy "rest of your life". Not only seasons greetings but good luck for the whole year.

Notice of the Annual Meeting.

Because everyone in "Good Standing" receives SMUG Bytes, this notice is in lieu of the special mailed notice of our Annual meeting.

Therefore, please be advised that the Annual meeting, for election of officers and conducting any other pertinent business, will be held on January 3, 1990 at 7:30pm at Equitable Savings and Loan, 14500 W. Capitol Dr. Brookfield WI. Lloys Dreger, Sec.

Also remember your membership must be up to date to vote. I will have the program updated with the current paid membership. Please pay your dues.

This will be our 8th annual meeting and we are still holding on. The membership is down from our high of 65 to are current membership of 26. We still promote the use of Sinclair technology & the **fine** computers Sir Clive produced. We still offer Basic programming lessons, machine code lessons and specialized instructions using specific programs. I hope I sound like I am blowing the clubs horn because I am. We have trained many people in using the computer and basic programming. We have built a wonderful book library and have an extensive program library. "See you in Milwaukee" June 1-3, 1990.

S. M. U. G. presents
The 1990 SINCLAIR COMPUTER Exposition

MILWAUKEE   WISCONSIN

June 2 & 3 / Banquet Friday Night June 1

- SEMINARS, DOOR PRIZES, SWAP SHOP —
- SOFTWARE, PERIPHERALS, HARDWARE =
- AND LOTS OF OTHER STUFF —

Location
WAUKESHA HOLIDAY INN (414)-786-0460
Hwy 18 & I94 Waukesha WI

There <u>will</u> be a <u>SNUG</u> meeting Saturday Night June 2, 1990

Ticket Information:

	in advance	at the door
One day	$ 4.00	$ 5.00
Both days:	$ 7.00	
Banquet	$16.00	
Table	$25.00 (incl. 2 day badg	

Tables are 6 feet

VIDEOCOPY
> For hardcopying digitized video images saved as master video files with VIDEOTEX to an OKIMATE 20 printer (using an IBM parallel Plug 'n Print cart.). Not for use with other color printers or other OKIMATE 20 Plug 'n Print cartridges.
> Both black & white and hi-res auto-colorized hardcopies are supported.
> 13 different full-screen greyscalings can be viewed, inverted, and horizontally flipped before hardcopying.
> Automatically colorized digitized video images can be copied.
> A "Color Editor" is available for user-assigned "colorizing".
> Complete User Notes plus information relating to customizing VIDEOCOPY for use with other storage media is included.

NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

QUANTITY	SOFTWARE TITLE	PRICE EACH	TOTAL
	VIDEOTEX	$9.95 ppd	
	VIDEO 3-D	$9.95 ppd	
	VIDEOCOPY	$9.95 ppd	

(Pre-paid orders only please.)   TOTAL ENCLOSED>>>
SEND ALL ORDERS/INQUIRIES TO:
John McMichael, 1710 Palmer Dr., Laramie, WY 82070
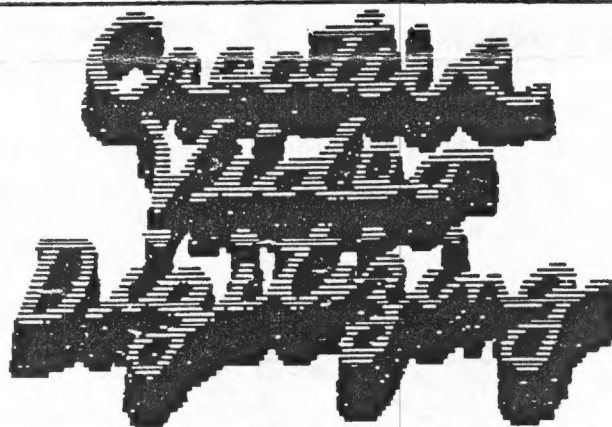
Multiply by three the enjoyment that can come from your S.M.U.G. Video Digitizer & TS2068 with this new software:

VIDEOTEX: Capture a video image from a VCR, video camera, etc., & view it in thirteen greyscale levels!

VIDEO 3-D: Creates a 3-D representation of a video image captured by VIDEOTEX in either normal 3-D or inverted 3-D. (See ad title for an example of the 3-D effect.) Four different Z-axis "depths" may be selected.

VIDEOCOPY: Only for owners of an OKIMATE 20 color printer with IBM parallel Plug 'n Print cartridge. Allows a video image captured by VIDEOTEX to be hardcopied in 13-level b/w greyscale or in color. Very colorful hi-res "modern art" depictions of the original b/w video image are automatically produced from a video data file. A color editor is available for custom "colorizing".

This software is priced at $9.95 post-paid each, and comes with complete user notes & video digitizing suggestions. Send LSASE for additional information and order form to:
JOHN McMICHAEL, 1710 PALMER DR., LARAMIE, WY 82070

Take I94 around Chicago to Milwaukee. Although the Sinclair Computer Expo will be in Waukesha Wisconsin you may not be able to find it on a map. Waukesha is a smaller suburb of Milwaukee about 10 miles west of Milwaukee. Follow the map and you should get close without any problems. As you travel north on I94 you will pass the airport exit. This exit is about 2 miles south of 894. 894 is a left hand exit so get into either of the left two lanes. Take 894 west, about 5 miles. It will then turn north and join 45. This is a right hand exit. Follow 894/45 north for about another 5 miles to I94. National Ave. exit is about 2 miles before this exit. When reaching National Ave. move to the left hand lane as I94 west will be another left hand exit. Take I94 west although the exit sign says Madison. Don't worry almost there. There will be exits 304 A/B, highway 100, 301 A/B, Moorland Road, prior to the exit you want. Take exit 297 a right hand exit. This exit will be for hy's 18 and Y. You need highway 18 so after leaving I94 stay on the exit. The first off ramp is hy Y. Now exit to hy 18 west. Follow 18, Moreland, to the first set of lights. This should be Klossow. Left is the cop shop and right are stores. Follow Klossow to the right around the curve past the Target store. The Holiday Inn will be on the right.
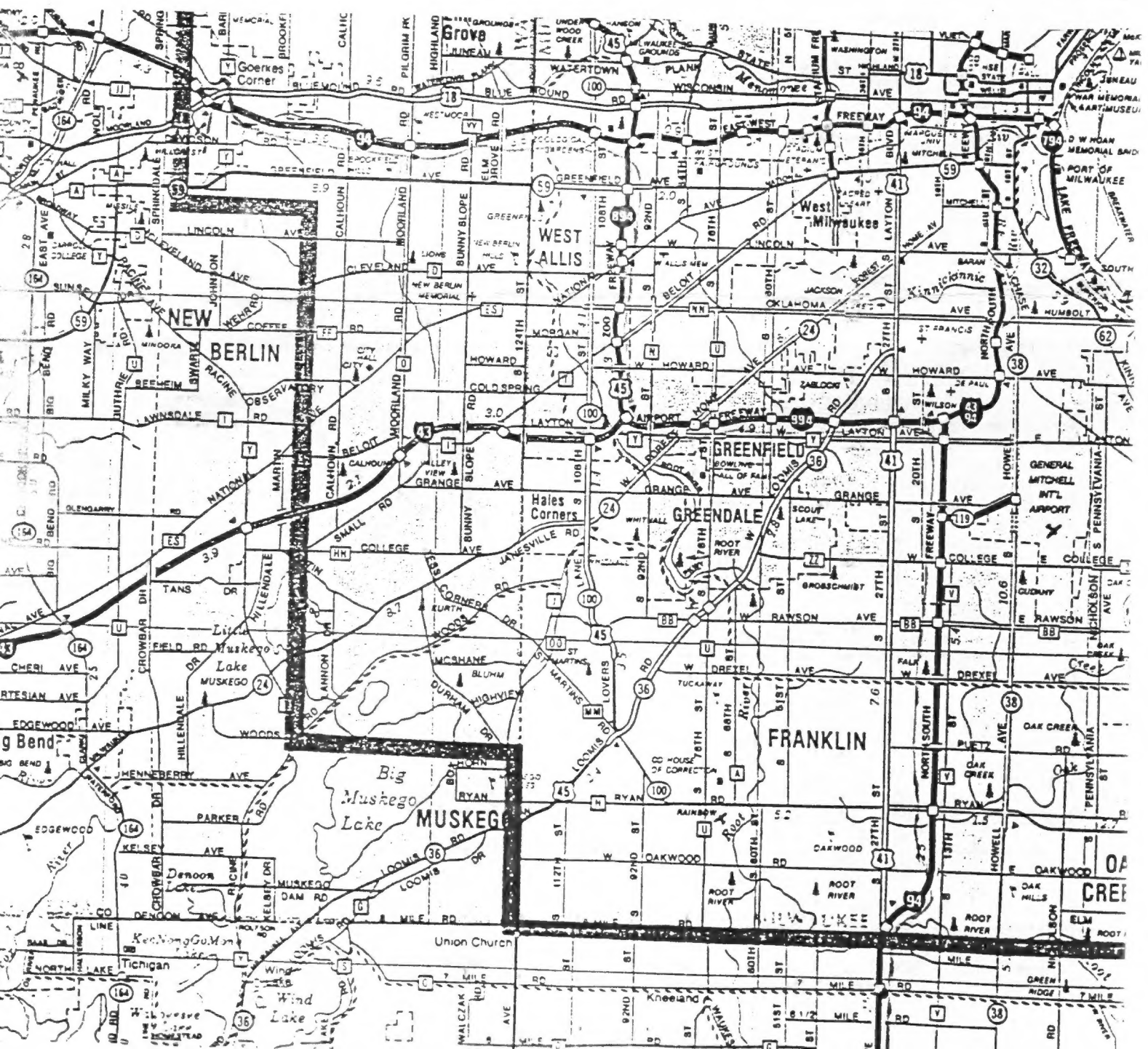
QUILL Print Driver

I don't know if any of you use QUILL but if you do you are using one great print driver. At least in the ease of modification. If you want to set up multiple drivers all you have to do is run INSTALL_BAS. It will ask you for the drive number you want to use. Then it asks for the port to use for connecting the printer to. You can set up for SER1 and SER2 or use a special port. Then it loads the edit program for the driver. This is all driven by the function keys (F1 thru F5).

To select the printer options you want move the white area up or down to the printer. When you find the one you want or if you want to create a new one press F2 to enter the edit mode.

When using the edit mode you use the left/right arrow to start the change to that line. To enter the ESCAPE code you can enter the escape number in decimal, (27), or ESC, note must be in caps. Follow with a comma (,) then the code or letter for the next command. For example; my printer requires ESC,G to turn on bold so I enter ESC,'G then enter. If there are any errors the first encountered will be flagged and the line will not be added. Please note if entering letters/numbers to be converted to their ASCII value they must be entered with a quote (') in front of the letter/number. The ESC or any other multiple letter code the quote is not required. If you want to enter the code in decimal (G=71) just enter the number. If for some reason you want to enter the code in hex you must precede the code with the $. For example; G=$47 so enter it ESC,$47.

Now you can setup all the built in key presses to the value your printer uses but the translate lines are slightly different. Translate requires a key press from the keyboard to activate that code. For example; say everytime Quill encounters ^ you want to change the print to italics. Then one of the translate lines must look like this, at least for my printer to do italics, ^,ESC,'4. Now everytime the print

program encounters a ^ the character set will be converted to italics. This means you must be careful in what key code you want for a control code. I prefer using the control 0-9 values. 144 to 153 codes fall in this range. Please note if you are printing out a doc file, created by someone else, and you are not sure of the print set up; just pull your printer file so that QUILL can't find it. The print will just run with the normal set up. To do this just remove the disk or micro drive. It will print without any special setups.

Now to continue with the editor:
F1 will copy the codes of the printer selected, white line, to the first open area. You can now change the codes and ESC and the data will be under the old name in two places. Just press one of the left/right arrows to clear the area, then enter the new name for the new printer driver and press enter. You now have created a new print driver. If you don't like it press F3 and the print driver will be deleted. Becareful.

If you want to save that new print driver press F4. This will save the new print driver plus all the others. Press F5 to install the new print driver or what ever driver the white line is on. What will happen is the new print driver will be rewritten over the old one. You must not have the device write protected.

The last of the edit is the ESC key. This will take you out of the editor and return you to the menu.

Press ESC again and it will ask for enter if you wish to leave the print driver install package or space to return to the menu.

Please before you try these changes be sure to copy the install_bas and install_dat files. This is just a safty precaution in case something goes wrong.

MY .02 WORTH or .03 WITH INFLATION

Two things have come to my attention that affect the Sinclair community at large. The first is the SNUG letter. We, SMUG, received one and were happy to here from the national. We are sorry to here of the problems affecting SNUG but they are no different than the rest of us. We have membership problems, personal problems along with CASH problems. The whole idea of SNUG was to help Sinclairites with communications. It may be between user groups vendors or countries.

We need their help and support but we also need to here from them more than once a year. The idea of SNUG is a great one but it hasn't got out of the woods yet. They need help for all the ideas they have and ARE putting into being. They have a library set up and are working on putting out a news letter. If you want to help contact SNUG and let them know about it.

The second thing is a little closer to home. I received a nice call from John McMichael, 1710 Palmer Dr. Laromie WY 82070. He is the ingenious programmer who has the TS2068 printer interface for the Okimate 20. He has devised an interface for the digitizer that will print in gray scale, inverse, 3-D or even color. The digitized picture would have to be colorized if you want color and you would need a color printer of course. Now the Toys R Us is selling the Okimate 20 for $99. But I don't know if it includes the IBM interface. You must have that to use the Okimate 20 and John's program. The idea of using this print program, even without the color printer has me excited. The reason it is ready so soon after shipping John his board is that he made a mock-up and tested it out before he even got his board.

BURNOUT
by Dr. Lloyd Dreger

I guess we all suffer from this malady to some extent or another from time to time. Some of us may be just getting over the so called Holiday burnout of too much to do and not enough time to do it or even too many parties to go to. What I want to talk about is burnout and Sinclair. Certain members of SMUG and I'm sure its the same in other User groups as well, have been carrying the ball and doing the brunt of the work for in some cases as many as 5 or 6 years that we are suffering from fatigue and burnout. We need a rest to recharge the batteries and restore creative juices, as they say.

I guess this time comes in direct proportion to the amount of time we are spending upon a project. I was once asked how much time I spent on the computer each week and I honestly had to admit after some thinking about it that I was at it about 40 hours a week. This was over and above the time I spent at a full time job. If you consider about 9.5 hours spent going to and from work and working for 5 days (47.5 hours/week) and 40 hours at home at the computer that leaves very little time for anything else but sleeping for the rest of your spare time. Obviously, something else is being short changed when this happens and a time will come when you are going to have to slack off on the computering and get some other things done. I like computering and yes, it sometimes gets in the way of cleaning the house, cutting the grass, doing the laundry, eating and sleeping. Sooner or later things come to such a state that time must be taken for these other things.

In this respect I have a certain other hobby of mine which is seasonal and kicks in the last week in April. It's called slow pitch softball umpiring and it's such a tremendous change of pace that come Labor Day once again I'm ready to start computering again. Needless to say the computer hardly gets turned on during the summertime when I work at officiating about as

intensely as I do at computering-- every evening during the week and all day Saturday and Sunday. This keeps me from burning out as rapidly as those who keep at it all year round. But even I feel it sometimes and take a week or two off.

Which brings me to the crux of the matter. Yes, it takes a lot of time and effort to get things done. Some of us Sinclair computerists have been at it for over 5 years. Yes, we are good at it--practice makes perfect they say. BUT, we are getting tired, getting burned out if not burned out already. We need a rest. Many of us have projects that got set aside and we want to get on with some of them. We need to be relieved from some of our duties for a year or so to get some of these other things done. No, we won't disappear from the computer meetings. We will still be around to help, to give advice, etc. You, out there have been coming to meetings, sitting back and enjoying them but you

also know how things are run by just observing what is taking place and whether or not you realize it, have just as much knowledge about running things as the rest of us. I'm saying its time for new people to take the reins to relieve those that have held them way too long--not because they wanted to but because nobody else would take them. If you don't come forward and say I can help, you are going to see more and more burnouts drop beside the wayside never to return. We have lost way too many already and now I see a trend to losing people that would be impossible to replace--people that know these computers inside out and probably have forgotten more than most of us ever knew about them. This is your club. You get out what time and effort you put in. Its you turn. The ball, as they say in tennis, is in your court. Its up to you.

PRESIDENTS MESSAGE

Two sad pieces of news and two good ones. First the bad: HATS is stopping publication. Dave Bennett announced in his last newsletter that they would no longer publish and all newsletter exchanges should not expect anymore. The second item is the ROM put out by Quantum and Tom Bent. The ROM will not work properly with the IBM emulator. We couldn't get back to the solution program until we swapped ROM's.

The good news is that the Cambridge computing is comming out with a new laptop. It will have 3.5" disk drives, hard drive and about 6 pounds. The other is RMG saw Tim Woods at there user group meeting. Maybe Time Designs will still publish.

Don't forget the Swapfest-Waukesha. Jan. 18, 1990. 8am-3pm.

G I G O
Or In Otherwords
The Meeting

Oops that was Jay Seigal not Jay Seal joining us. He is our newest member. Both Jay and Nazir were at the meeting in Dec.

Gordon showed us the colored art work that can be applied to material. He ironed on the decals and they were just like silk screened shirts. I think we will have to vote on it but it gets my vote.

It was reported by Nazir that Cambridge North America, Z88, has filed for chapter 13 bankruptcy. As I write this RMG has confirmed this and says Sharps will be the only importer of the Z88. Cambridge N.A. will sell mail order. Watch for the new laptop.

Don't forget to be at the January meeting and vote. Maybe even run for office.

The Sinclair Milwaukee Users Group
(SMUG)

We are a not-for-profit group devoted to serving the interests of those who own, use, and/or are interested in the Timex/Sinclair family of computers.

Editor and contact person is:
 Bill Heberlein (414) 527 2191.

SMUG maintains a gratis exchange of newsletters with approximately 30 Users Groups across the U.S. and Canada. Clubs not sending newsletters for more than 6 months are removed from our mailing list.

Newsletter subscription is available for only $10 per year to non members or free with a club membership. A club membership is $20 per year for a family membership.

Advertising cost for 1/2 page ad runing for six months is $10. The ad copy may be changed each month but you must supply the copy.

                    'Twas the Night Before Crisis author unknown
                'Twas the night before crisis, and all through the house,
                    Not a program was working not even a browse.
            The programmers were wrung out too mindless to care,
                    Knowing chances of cutover hadn't a prayer.
            The users were nestled all snug in their beds,
                    While visions of inquiries danced in their heads.
        When out in the lobby there arose such a clatter,
                    I sprang from my tube to see what was the matter.
        And what to my wondering eyes should appear,
                    But a Super Programmer, oblivious to fear.
        More rapid than eagles, his programs they came,
                    And he whistled and shouted and called them by name;
        On Update! On Add! On Inquiry! On Delete!
                    On Batch Jobs! On Closing! On Functions Complete!
        His eyes were glazed over, his fingers were lean,
                    From Weekends and nights in front of a screen.
        A wink of his eye, and a twist of his head,
                    Soon gave me to know I had nothing to dread...

SMUG BYTES
5052 N. 91st Street
Milwaukee WI 53225
Address Correction Requested

FIRST CLASS MAIL

The next meeting of SMUG will be held on:
Wednesday, January 2,1989
  6pm Set Up
  6:30 Dues Collection
  7:30 Business Meeting
  8:30 Elections
  8:45 Discussion on Artificial Intel.
 10:30 Clean Up

Location:
 Equitable Savings and Loan,
 145th and Capital Drive,
 145th and Capital Drive,
 Milwaukee Wisconsin